

Name: _____

Date: _____

Class: _____

UV/7-2

SPOTLIGHT THE SUN DATA TABLE

Record the results of your thermometer temperatures in the chart below and answer the discussion questions below.

	5 min	10 min	20 min	25 min	30 min	35 min	40 min	45 min
Direct Light Thermometer								
Indirect Light Thermometer								

1 What was the difference in temperatures of the two lights on the thermometers?

2 How does this explain why it is warmer in the middle of the day than in the early morning?

3 Why is it colder in the Arctic Circle? where there is continuous light, then it is in the United states?

4 Discuss how the angle of light on the thermometer affected the temperature and compare this activity to the angle of sunlight directed on the Earth.

